

## David Coulter

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### Technical Skills

**Technologies:** Actionscript, CSS, Django(Front-end), HTML, JavaScript, jQuery, PERL, XHTML,

**Adobe:** Acrobat, After Effects, Dreamweaver, Flash, Illustrator CS, Image Ready, InDesign, PDF, Photoshop CS, Premiere

**Apple:** Final Cut Studio, Logic Express

**Microsoft:** Word, Excel, Entourage, PowerPoint, FrontPage

**Browser compatibility:** Firefox, Safari, Internet Explorer and Opera

**Operating Systems:** Windows 95 – XP , Mac OS 8.0 – 10.5.5

**Standards:** 508 Compliance and W3 Standards

### Experience

**Web Developer/Consultant, National Geographic- Digital Media (<http://nationalgeographic.com>)**  
*Washington, DC*

#### June 2006–November 2008

- Responsible for a host of updates and revisions to <http://nationalgeographic.com>.
- Coded National Geographic Channel sites, including XHTML, CSS, JavaScript, and Flash creation, implementation and bug fixes.
- Complete UI implementation relying heavily on web standards (including Alt tags, and scalable fonts) while keeping load times down.
- Templated and implemented CSS, XHTML, and JavaScript, across the entirety of the National Geographic web site.
- Performed monthly updates to National Geographic Kids' site, creating as many as 40 to 60 new pages with a focus on accuracy, speed, and performance.
- Created and updated sites for auxiliary National Geographic sites including pages for the All Roads Film Festival and <http://mywonderfulworld.org>.
- Participated in weekly code review meetings to improve our markup via group critique and brainstorming.
- Helped lead an effort to standardize deliveries and code both internally and from outside developers.
- Assisted in the creation of a workflow utilizing the web application, Jira, to replace paper work orders.
- Advocated consolidation, simplicity, and forward thinking in efforts to move legacy content into a Subversion environment.
- Participated in a seminar and provided feedback and recommendations to move toward using Django templating systems, rather than one-off HTML solutions.

**User Interface & Design Lead/Consultant, Anteon Corporation- FEMA ADD Project**  
*Chantilly, VA*

**November 2005–June 2006**

- Responsible for documentation of User Interface standards for the entirety of FEMA's Automated Deployment Database Project.
- In charge of design implementation, from a client server application to a web based application, involving simplification of processes, layout, flow, usability and definition of all UI standards. This process reduced screen count from 30 screens to around 6 (depending on user rights).
- Complete UI Design relying heavily on government-mandated 508 compliant standards (including Alt tags, color schemes, and scalable fonts) while keeping the application attractive and pleasing to work with.
- Designed, templated, and implemented CSS, HTML, JavaScript, DHTML and limited AJAX functionality throughout the application.
- Assisted all the front-end java developers with html, graphics, CSS and JavaScript issues, embedded in JSPs using the Spring framework.
- Designed and implemented UI for a refined Administrators console, and a Self Serve Check-in Console, which allows Agents, with no computer training, to efficiently report for duty in the field, without assistance from FEMA HQ.
- Coordinated efforts to refine and simplify the application through meetings with Users and Administrators at FEMA Headquarters in Washington, DC.

**Interface & Design Consultant, System Automation Corporation**  
*Beltsville, MD*

**November 2004–October 2005**

- Assisted in the migration of a client server application to a web based application from a design perspective. This involved analyzing the layout, flow, usability and defining all user interface standards; migrating a total of 800 screens to the web based layout.
- Complete user Interface design and implementation of the flagship products implemented in 23 states and over 400 agencies.
- Involved in the entire software development lifecycle, from initial inception of UI design, assisted in requirements gathering and analysis, and prototyped UI flow.
- Assisted front-end java developers with html, graphics, CSS and JavaScript issues, embedded in JSPs using the struts framework.
- Responsible for the design, management and implementation of user acceptance testing with existing clients.
- Responsible for designing, templating and implementing the CSS, HTML, DHTML and JavaScript for the flagship product *MyLicense Office*.
- Responsible for resolving cross browser issues for the application for the following browsers Firefox, Safari, Internet Explorer and Opera.
- Responsible for coordinating all efforts between sales, senior management and third party printing firms to produce quality sales and promotional materials in a timely manner.

**Education**

**Hagerstown Business College**  
*Hagerstown, MD*

**January 2003**

Associate of Applied Science in Design

*References available upon request.*